



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Applicants: : Xuewen Zhu et al.  
Serial No. : 10/634,638  
Filing Date : August 5, 2003  
Title of Invention : BAR CODE SYMBOL READING DEVICE HAVING  
INTELLIGENT DATA COMMUNICATION INTERFACE TO A  
HOST SYSTEM  
Examiner : n/a  
Group Art Unit : 2876  
Attorney Docket No. : 108-141USANA0

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Preliminary to the examination of the above referenced Continuation Application, kindly amend the same as follows:

**AMENDMENT TO THE CLAIMS:**

Please amend the Specification as follows:

Claims 1-20 (canceled)

Claim 21 (original): A device, operably coupled between a bar code symbol reading engine that reads bar code symbols affixed to objects proximate thereto and produces symbol character data representative of such bar code symbols and a host system, the device comprising:

a data transmission subsystem that communicates said symbol character data to a communication interface of the host system over a communication link therebetween;

wherein said data transmission subsystem implements a plurality of different communication interfaces and wherein, during an interface configuration mode of operation, the data transmission subsystem automatically cycles through at least one of said plurality of different communication interfaces whereby, for a given communication interface, the data transmission subsystem selectively activates the given communication interface while disabling the other communication interfaces and tests the communication link between the given communication